

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

OFFICE OF DESIGN POLICY & SUPPORT INTERDEPARTMENTAL CORRESPONDENCE

FILE P.I. #0007838
CSSTP-0007-00(838)

OFFICE Design Policy & Support

Fulton County

GDOT District 7 - Metro Atlanta

DATE 9/13/2016

SR 9 from Windward Pkwy. to

the Forsyth Co. Line - Widening & Improvements

FROM  for Brent Story, State Design Policy Engineer

TO SEE DISTRIBUTION

SUBJECT APPROVED LOCATION & DESIGN REPORT

Attached is the approved Location and Design Report with Notice of Location & Design Approval for the above subject project.

Attachment

DISTRIBUTION:

Hiral Patel, Director of Engineering
Joe Carpenter, Director of P3/Program Delivery
Albert Shelby, State Program Delivery Engineer
Darryl VanMeter, State Innovative Delivery Engineer
Bobby Hilliard, Program Control Administrator
Cindy VanDyke, State Transportation Planning Administrator
Eric Duff, State Environmental Administrator
Bill DuVall, State Bridge Engineer
Andrew Heath, State Traffic Engineer
Angela Robinson, Financial Management Administrator
Lisa Myers, State Project Review Engineer
Richard Cobb, Location Bureau Chief
Kathy Zahul, District Engineer
Scott Lee, District Preconstruction Engineer
Scott Lee for District Planning & Programming Engineer
Percy Combay, Acting Area Engineer - D7, A2
Anthony Tate, Project Manager
BOARD MEMBER - 6th Congressional District

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA****INTEROFFICE CORRESPONDENCE
LOCATION AND DESIGN REPORT**

FILE 0007838
CSSTP-0007-00(838)
Fulton County
GDOT District 7 – Chamblee
Widening of SR 9 from Windward Parkway
to Forsyth County Line

OFFICE Program Delivery

DATE 8/4/2016

FROM  Albert V. Shelby III, State Program Delivery Engineer 

TO Brent Story, P.E, State Design Policy Engineer
Attn: Dave Peters, P.E., State Conceptual Design Group Manager

SUBJECT Request for Location and Design Approval

Description and Project Proposal:

The project begins at the intersection of Windward Parkway and SR 9, which is the city limits for Alpharetta and Milton, and ends at the Forsyth County Line. The project is located within the City of Milton. The project length is 3.04 miles. The proposed project would widen SR 9 to a continuous four lane urban roadway (two lanes in each direction) separated by a raised median that varies in width but is typically 16 feet. Besides widening, the project consists of the reconfiguration of side roads, addition of pedestrian and bicycle facilities, traffic and operational improvements, and signal upgrades. The intersection of Bethany Bend will be re-aligned to correct the existing skew angle. Left and right turn lanes will be provided at all major intersections. The roadway is designed to meet 45 mph design criteria. The existing right of way varies from 80 to 100 feet. The proposed right of way will vary from 101 to 134 feet. SR 9 is classified as an Urban Minor Arterial.

Concept Approval Date:

The Concept Report was approved on 09/16/2014

Environmental Document:

Document Type: N/A- State Funded

Approval Date: N/A- State Funded

Public Involvement:

Public Information Open House summary:

The PIOH was held on May 21, 2014 at the City of Milton City Hall

There were concerns that constructing a raised median on SR 9 would negatively impact businesses and cause delays to local residents. Access to local businesses would be limited.

There was concern that constructing a raised median on SR 9 would not provide provisions for U-Turns.

Number of attendees = 101

Number of comments = 30

Number opposing = 22

Number supporting = 9

Consistency with Approved Planning: The design description as presented herein and submitted for approval is consistent with the approved Concept Report.

Recommendations: Recommend that the location and design for the project be approved and that the attached Notice be approved for advertising.

Concur: _____

GDOT Director of Engineering

Approve: _____

Margaret B. Pemberton

GDOT Chief Engineer

September 9, 2016

Date

DATE OF LOCATION AND DESIGN APPROVAL: _____

September 13, 2016

Attachments:

- Project Location Map
- Construction Cost Estimate
- Typical Sections
- Notice of Location and Design Approval

Project Number: 0007838

Construction Cost Estimate

0007838 CES_04_28_2016_latest.txt
STATE HIGHWAY AGENCY

DATE : 04/28/2016
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JOB ESTIMATE REPORT

JOB NUMBER : 0007838 SPEC YEAR: 13
DESCRIPTION: SR 9/CUMMING HWY FROM WINDWARD PKWY TO FORSYTH COUNTY LINE
ITEMS FOR JOB 0007838

LINE	ITEM	ALT	UNITS	DESCRIPTION	QUANTITY	PRICE	AMOUNT
0005	150-1000		LS	TRAFFIC CONTROL - LS	1.000	1000000.00	1000000.00
0010	153-1300		EA	FIELD ENGINEERS OFFICE TP 3	1.000	85538.24	85538.24
0015	210-0100		LS	GRADING COMPLETE - USER UNIT PRICE	1.000	3000000.00	3000000.00
0020	310-1101		TN	GR AGGR BASE CRS, INCL MATL	95390.970	17.67	1686185.16
0025	402-1812		TN	RECYL AC LEVELING, INC BM&HL	5937.000	70.22	418342.34
0030	402-2130		TN	RECYL AC 12.5MM SP, GP2, BM&HL	12246.990	67.07	821468.81
0035	402-3190		TN	RECYL AC 19 MM SP, GP 1 OR 2, INC BM&HL	15207.260	64.64	983125.48
0040	402-3121		TN	RECYL AC 25MM SP, GP1/2, BM&HL	60829.000	57.54	3500115.87
0045	413-0750		GL	TACK COAT	130644.150	4.00	522576.60
0050	432-5010		SY	WILL ASPH CONC PVMT, VARB DEPTH	109044.000	1.36	14827.42
0055	441-0104		SY	CONC SIDEWALK, 4 IN	35990.000	21.88	787643.31
0060	441-5002		LF	CONC HEADER CURB, 6, TP 2	28380.000	7.98	226495.67
0065	441-6222		LF	CONC CURB & GUTTER/ 8X30TP2	43515.000	11.80	513636.26
0070	446-1100		LF	PVMT REF FAB STRIPS, TP2.18 INCH WIDTH	1800.000	5.77	10402.78
0075	641-1200		LF	GUARDRAIL, TP W	700.000	18.92	13249.03
0080	641-3001		EA	GUARDRAIL ANCHORAGE, TP 1	6.000	921.83	5531.02
0085	641-3012		EA	GUARDRAIL ANCHORAGE, TP 12	6.000	2099.22	12595.36
0090	300-3201		CY	CL B CONC. RET WALL	800.000	543.37	434698.92
0094	300-3110		LF	CLASS A CONCRETE. TYPE P1, RETAINING	955.000	500.00	467500.00
0095	300-9999		CY	WAL	500.000	155.47	77395.32
0100	550-1180		LF	CL B CONC BASE OR PVMT WIDEN	20194.000	33.76	681922.91
0105	550-1240		LF	STM DR PIPE 18"H 1-10	95.000	358.17	34050.86
0110	550-1300		LF	STM DR PIPE 24"H 1-10	31.000	68.64	2128.56
0115	550-4218		EA	STM DR PIPE 30"H 1-10	25.000	528.98	13224.60
0118	550-4224		EA	FLARED END SECT 18 IN, ST DR	2.000	710.41	1420.83
0119	550-4230		EA	FLARED END SECT 24 IN, ST DR	2.000	806.83	1613.72
0120	603-2181		SY	FLARED END SECT 30 IN, ST DR	120.000	45.60	5472.46
0125	603-2182		SY	STM DUMPED RIP RAP, TP 3, 18	60.000	52.33	3140.98
0130	603-7000		SY	STM DUMPED RIP RAP, TP 3, 24	180.000	3.88	698.98
0132	611-3030		EA	PLASTIC FILTER FABRIC	10.000	1700.00	17000.00
0133	611-8000		EA	REC STORM SEW MANHOLE, TYPE 1	1.000	1300.00	1300.00
0134	611-8050		EA	ADJUST CATCH BASIN TO GRADE	4.000	790.77	3163.09
0135	668-1100		EA	ADJUST MANHOLE TO GRADE	158.000	2180.29	34487.19
0140	668-1110		LF	CATCH BASIN, GP 1, ADDL DEPTH	16.000	182.67	2922.67
0145	668-2100		EA	DROP INLET, GP 1	17.000	1893.71	32193.11
0150	668-2110		LF	DROP INLET, GP 1, ADDL DEPTH	3.000	171.41	514.23
0155	668-4300		EA	STORM SEW MANHOLE, TP 1	31.000	1952.90	60540.17
0158	668-5000		EA	JUNCTION BOX	2.000	1832.35	3664.71
0159	668-9800		EA	OUTLET CONTROL STR	6.000	5000.00	30000.00
0164	815-1100		LF	DIRECTIONAL BORE PIPE - 3"	520.000	11.77	6122.01
0169	815-1100		LF	DIRECTIONAL BORE PIPE - 5"	2125.000	11.77	25017.82

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JOB ESTIMATE REPORT

0174	515-1100	LF	DIRECTIONAL BORE PIPE - 7"	740.000	11.77	8712.09
0175	638-1041	SF	HWY SIGNS, TP 2MAT, REFL SM TP 9	563.000	39.10	14976.15
0184	639-3004	EA	STEEL STRAIN POLE, TP IV	1.000	18526.03	18526.03
0185	639-3004	EA	STEEL STRAIN POLE, TP IV	1.000	19526.00	19526.00
0186	639-3004	EA	STEEL STRAIN POLE, TP IV	1.000	20026.00	20026.00
0187	639-3004	EA	STEEL STRAIN POLE, TP IV	1.000	20526.00	20526.00
0188	639-3004	EA	STEEL STRAIN POLE, TP IV	1.000	21526.05	21526.05
0189	639-3004	EA	STEEL STRAIN POLE, TP IV	1.000	22026.03	22026.03
0190	639-3004	EA	STEEL STRAIN POLE, TP IV	1.000	22526.03	22526.03
0204	639-3004	EA	STEEL STRAIN POLE, TP IV	1.000	27026.03	27026.03
0213	639-3004	EA	STEEL STRAIN POLE, TP IV	1.000	13304.47	13304.47
0224	639-3004	EA	STEEL STRAIN POLE, TP IV	1.000	63000.00	63000.00
0225	639-3004	EA	STEEL STRAIN POLE, TP IV	1.000	73800.00	73800.00
0234	647-1000	LS	TRAF SIGNAL INSTALLATION NO - WALMART	1.000	58800.00	58800.00
0239	647-1000	LS	DRIVEWAY	1.000	69500.00	69500.00
0244	647-1000	LS	TRAF SIGNAL INSTALLATION NO - PESS RD	1.000	65800.00	65800.00
0245	647-1000	LS	TRAF SIGNAL INSTALLATION NO - DEERFIELD PKWY	1.000	66100.00	66100.00
0249	647-1000	LS	TRAF SIGNAL INSTALLATION NO - SONELY COURT / KEVINGHAM WAY	1.000	55500.00	55500.00
0254	647-1000	LS	TRAF SIGNAL INSTALLATION NO - BETHANY BEND SOUTH	1.000	51500.00	51500.00
0259	647-1000	LS	TRAF SIGNAL INSTALLATION NO - BETHANY BEND NORTH	1.000	62380.80	62380.80
0264	647-1000	LS	TRAF SIGNAL INSTALLATION NO - FIVE ACRE RD	1.000	21800.00	21800.00
0269	647-1000	LS	TRAF SIGNAL INSTALLATION NO - CREEK CLUB DRIVE	1.000	20350.25	20350.25
0274	682-6233	LF	CONDUIT, NONMETL, TP 3, 2 IN	12160.000	4224.00	4224.00
0275	682-6233	EA	ELEC FWR SVC ASSBLY (UNDERG SERV POINT)	8.000	1665.73	1665.73
0276	682-6233	EA	INT VIDEO DET SYS ASSBLY, TP A	4.000	11.77	29197.26
0277	682-6233	EA	OUTPUT EXPANSION MODULE, TP A	4.000	806.00	1612.00
0278	682-6233	EA	TESTING - INTERSECTION VIDEO DETECTION	1.000	1253.40	50156.08
0279	682-6233	EA	DIRECTIONAL BORE PIPE - 5"	2480.000	1559.15	48333.94
0280	682-6233	EA	PULL BOX, PB-3	2.000	5.88	1412.20
0281	682-6233	EA	PULL BOX, PB-5	2.000	5.13	24701.00
0282	682-6233	EA	PULL BOX, PB-7	31.000	800.00	800.00
0283	682-6233	EA	CONDUIT, NONMETL, TP 2, 2 IN	240.000	2.02	38380.00
0284	682-6233	EA	CONDUIT, NONMETL, TP 3, 2 IN	47700.000	1.79	179.00
0285	682-6233	EA	36 / 46 CELL ROUTER TP - TYPE-A	1.000	640.33	3762.87
0286	682-6233	EA	OUT PLNT FER OPT CBL, LOOSE TB, SM, 72 FBR	19000.000	590.23	4721.84
0287	682-6233	EA	OUT PLNT FER OPT CBL, DROP, SM, 12 FBR	100.000	49.74	3581.50
0288	682-6233	EA	FIBER OPTIC CLOSURE, UNDERGRD, 12 FIBER	9.000	5134.00	18402.00
0289	682-6233	EA	FIBER OPTIC CLOSURE, UNDERGRD, 12 FIBER	8.000	1326.78	1326.78
0290	682-6233	EA	FIBER OPTIC CLOSURE, FUSION	72.000	1184.00	1184.00
0291	682-6233	EA	CCTV SYSTEM, TYPE B	3.000	2058.75	2058.75
0292	682-6233	EA	TESTING	1.000		
0293	682-6233	EA	TRAINING	1.000		
0294	682-6233	EA	FIELD SWITCH, TYPE A	8.000		

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 GRIC, TYPE A 16.000
 HWY SIGN, TPLMAT, REFL SH TP3 170.000

1584.00
 2349.13

0374 939-2230
 0379 636-1020

99.00
 13.81

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JOB ESTIMATE REPORT

0384	636-1033	SF	HWY SIGNS, TPLMAT, REFL SH TP 9	190.000	18.97	3605.83
0389	636-2070	LF	GALV STEEL POSTS, TP 7	477.000	6.32	3112.33
0394	633-0120	EA	THERM PYMT MARK, ARROW, TP 2	120.000	78.23	9388.70
0399	633-0170	EA	THERM PYMT MARK, ARROW, TP 7	6.000	103.20	619.26
0404	633-1501	LF	THERMO SOLID TRAF ST 5 IN, WHI	32000.000	0.37	12086.08
0409	633-1502	LF	THERMO SOLID TRAF ST 5 IN, YEL	32000.000	0.39	12694.08
0414	633-1704	LF	THERMO SOLID TRAF STRIPE 24, WHI	996.000	5.92	5900.63
0419	633-3501	SLF	THERMO SKIP TRAF ST, 5 IN, WHI	32000.000	0.23	7679.36
0424	633-3502	SLF	THERMO SKIP TRAF ST, 5 IN, YEL	3500.000	0.26	940.49
0429	633-6004	SY	THERM TRAF STRIPING, WHITE	1000.000	3.50	3501.61
0434	633-6006	SY	THERM TRAF STRIPING, YELLOW	500.000	4.00	2004.00
0439	634-1001	EA	RAISED PYMT MARKERS TP 1	34.000	4.79	163.07
0444	634-1003	EA	RAISED PYMT MARKERS TP 3	400.000	3.21	1284.36
0449	700-0910	AC	PERMANENT GRASSING	20.000	973.04	19460.82
0454	163-0232	AC	TEMPORARY GRASSING	10.000	269.68	2696.82
0459	163-0240	TN	MULCH	700.000	148.84	104191.41
0464	700-7000	TN	AGRICULTURAL LIME	60.000	8.32	503.23
0469	700-8000	TN	FERTILIZER MIXED GRADE	14.000	33.73	472.32
0474	700-8100	LB	FERTILIZER NITROGEN CONTENT	1000.000	23.33	2333.65
0479	167-1000	EA	WATER QUALITY MONITORING AND SAMPLING	10.000	203.06	2030.63
0484	167-1500	NO	WATER QUALITY INSPECTIONS	36.000	339.10	15699.85
0489	163-0350	EA	CON5 & REM INLET SEDIMENT TRAP	87.000	124.34	10817.71
0494	163-0328	EA	CONSTR & REM FAB CR DAM - TP C SLT FN	6600.000	3.11	20623.61
0499	163-0342	EA	CONSTR & REM STONE FILTER RING	15.000	49.33	7489.93
0504	171-0010	LF	TEMPORARY SILT FENCE, TYPE A	33400.000	1.63	54233.29
0509	171-0030	LF	TEMPORARY SILT FENCE, TYPE C	4700.000	3.01	14187.33
0514	163-0531	EA	CONSTR & REM SEDIMENT BASIN, TP 1, STA NO- 6 LOCATIONS	6.000	1337.51	74205.07
0519	163-0060	EA	MAINT OF TEMP SEDIMENT BASIN, STA NO -	6.000	1824.64	10947.86
0524	163-0103	EA	MAINT OF INLET SEDIMENT TRAP	140.000	26.56	3718.80
0529	163-0041	LF	MAINT OF CHECK DAMS - ALL TYPES	3300.000	0.70	2342.44
0534	163-0010	LF	MAINT OF TEMP SILT FENCE, TP A	16700.000	0.18	3118.89
0539	163-0030	LF	MAINT OF TEMP SILT FENCE, TP C	2350.000	0.66	1556.99
0544	163-0105	EA	MAINT OF INLET SEDIMENT TRAP	140.000	26.56	3718.80
0549	163-0111	EA	MAINT OF STONE FILTER RING	15.000	162.59	2438.93
0554	643-8200	LF	BARRIER FENCE (ORANGE), 4 FT	150.000	1.48	222.18
0559	716-2000	SY	EROSION CONTROL MATS, SLOPES	10400.000	1.13	11826.67
0564	163-0300	EA	CONSTRUCTION EXIT	3.000	1363.57	4090.73
0569	163-0101	EA	MAINT OF CONST EXIT	3.000	530.03	1650.17
0574	603-2018	SY	STN DUMPED RIP RAP, TP 1, 18	100.000	46.12	4612.00
0579	603-7000	SY	PLASTIC FILTER FABRIC	100.000	4.01	401.15
0584	009-3500	CS	MISC LANDSCAPE ITEMS	1.000	100000.00	100000.00
0589	310-1101	TN	GR AGGR BASE CRS, INCL MATL	9320.000	21.69	20631.07
0594	402-3130	TN	RECYL AC 12.5MM SP, GP2, BM&HL	2277.000	91.43	208348.52
0599	402-3121	TN	RECYL AC 25MM SP, GP1/2, BM&HL	3035.000	70.53	21413.70
0604	402-3190	TN	RECYL AC 19 MM SP, GP 1 OR 2, INC BM&HL	3035.000	79.82	22407.18

0609	413-0750	GL	TACK COAT	0007838 CES_04_28_2016_latest.txt	2897.000	4.00	11588.00
0614	150-5010	EA	TRAF CTRL, PORTABLE IMPACT ATTN		152.000	7446.69	1131897.81
0619	620-0100	LF	TEMP BARRIER, METHOD NO. 1		17350.000	26.93	467325.03
0624	647-0220	LS	TRAF SIGNAL INSTALLATION, TEMP		1.000	260000.00	260000.00

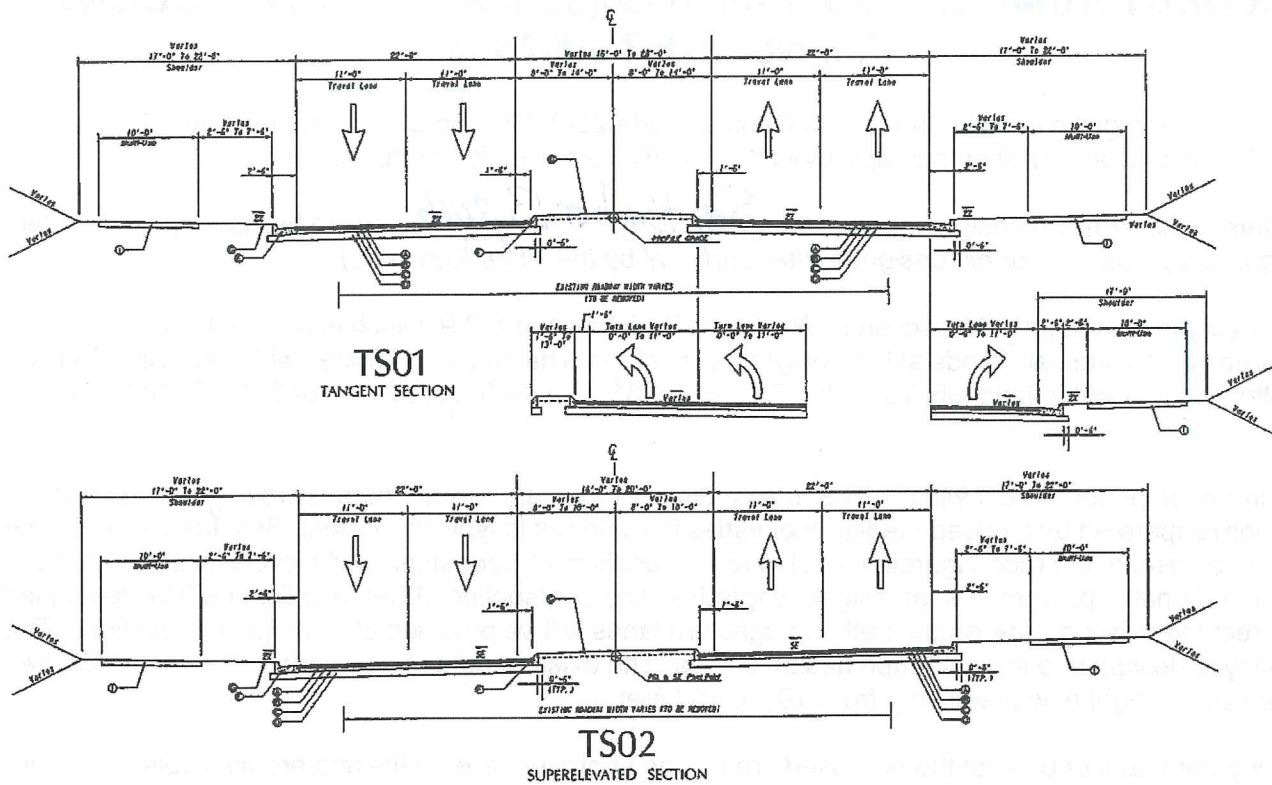
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JOB ESTIMATE REPORT

ITEM TOTAL	21841730.31
INFLATED ITEM TOTAL	21841730.31
TOTALS FOR JOB 0007838	
ESTIMATED COST:	21841730.33
CONTINGENCY PERCENT (0.0 %):	0.00
ESTIMATED TOTAL:	21841730.33

Project Typical Sections



NOTICE OF LOCATION AND DESIGN APPROVAL
PROJECT NUMBER CSSTP-0007-00(838) AND FULTON COUNTY
P. I. NUMBER 0007838

Notice is hereby given in compliance with Georgia Code 22-2-109 and 32-3-5 that the Georgia Department of Transportation has approved the Location and Design of this project.

The date of location and design approval is: September 13, 2016.

The project begins at the intersection of Windward Parkway and SR 9, which is the city limits for Alpharetta and Milton, and ends at the Forsyth County Line. The project is located within the City of Milton in Fulton County within Land District 2.

The proposed project would widen SR 9 to a continuous four lane urban roadway (two lanes in each direction) separated by a raised median that varies in width but is typically 16 feet. Besides widening, the project consists of the reconfiguration of side roads, addition of pedestrian and bicycle facilities, traffic and operational improvements, and signal upgrades. The intersection of Bethany Bend will be re-aligned to correct the existing skew angle. Left and right turn lanes will be provided at all major intersections. The roadway is designed to meet 45 mph design criteria. The existing right of way varies from 80 to 100 feet. The proposed right of way will vary from 101 to 134 feet.

Drawings or maps or plats of the proposed project, as approved, are on file and are available for public inspection at the Georgia Department of Transportation:

Percy Combay
pcombay@dot.ga.gov
Georgia Department of Transportation
1269 Kennestone Circle
Marietta, Georgia 30066
770-528-3231

Any interested party may obtain a copy of the drawings or maps or plats or portions thereof by paying a nominal fee and requesting in writing to:

Albert V. Shelby, III
Office of Program Delivery
Attn: Anthony Tate
atate@dot.ga.gov
600 West Peachtree Street, Atlanta, Georgia 30308
404-631-1769

Any written request or communication in reference to this project or notice SHOULD include the Project and P. I. Numbers as noted at the top of this notice.